Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 27 Feb 2023 until 23:59 on Tuesday 28 Feb 2023

Forecast Issued on Sunday 26 Feb 2023 at 16:28

Confidence: High confidence for generally settled conditions with some light showers, lower for cloud details.

Headline for Monday 27 Feb 2023: Mostly dry and cloudy, light showers at times.

Mountain weather hazards on Monday 27 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Sleet showers (night)	Dull	Dull	Light rain showers	Light rain showers	Cloudy	Cloudy	Cloudy
Precipitation probability							
30%	20%	20%	30%	30%	20%	20%	20%

Forecast for Monday 27 Feb 2023

Weather: Cloudy overnight with a chance for some light showers, these mostly falling as rain, but perhaps falling as sleet over highest peaks. Cloud continues to move in from the northeast throughout the day, perhaps with some breaks at times during the afternoon, with rain showers pushing into the east of the park through the day.

Chance of cloud-free hill tops above 600m: 40% rising to 60% in east of park, before falling again to 40% in evening. 70% in west.

Low Cloud and visibility: Low cloud moves in from the northeast, mainly affecting the east of the park, with bases around 500m through the morning, lifting to above the peaks for a time in the afternoon, although they could fall again in any showers. Visibility generally very good beneath the cloud layer and for western peaks, falling to poor or very poor in any showers or summit cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Monday 27 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/18 NE	10/16 NE	11/17 NE	14/18 NE	15/21 NE	14/19 NE	14/22 NE	14/23 NE	12/19 NE
300	6/15 NE	5/14 N	5/14 N	7/15 NE	10/19 NE	8/17 NE	7/18 NE	6/16 NE	6/14 NE
Valley	5/15 NE	4/12 N	4/12 N	5/13 NE	9/18 NE	8/16 NE	5/16 NE	5/16 NE	4/13 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	0/-4	0/-4	1/-4	2/-4	2/-3	2/-4	1/-4	1/-4
300	3/1	3/0	3/0	4/1	5/2	5/2	4/1	3/1	3/1
Valley	4/3	4/2	3/2	5/3	7/5	7/5	5/3	4/2	4/2
Freezing Level*	700m	600m	600m	600m	700m	800m	700m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note severe chill effect on peaks.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 26 Feb 2023	0.4mm	0.8mm	1.4mm

Forecast for Tuesday 28 Feb 2023

Weather: Low cloud moves in from the northeast, bringing showers through the day. Rain showers fairly isolated in the morning, becoming more frequent in the afternoon and evening. Showers falling mostly as rain, perhaps falling as sleet over the highest peaks.

Maximum wind: Northeasterly 30mph.

Chance of cloud-free hill tops above 600m: 20% in east, 50% in west

Low Cloud and visibility: Cloudy through much of the day with bases around 500m, although there should be more in the way of breaks through the afternoon, especially in the west. Very good visibility beneath the cloud, but falling to poor or very poor in showers and summit cloud

Temperature: **Valleys:** Plus 3 Celsius, rising to Plus 6 Celsius.
At 600m: Zero Celsius, rising to Plus 1 Celsius.
Freezing level: 700m, rising above the peaks through the day.

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